

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (ORIGINAL) A matching network hybrid electro-magnetic compatibility absorber to provide improved radio frequency absorbing performance in a frequency range of approximately 20 MHz to approximately 500 MHz, comprising:
  - a big element;
  - 5 a small element that is located beneath the big element;
  - the big element comprises a big element surface;
  - the small element comprises a small element surface;
  - a big element coating that covers a predetermined portion of the big element surface; and
  - 10 a small element coating that covers a predetermined portion of the small element surface.
2. (ORIGINAL) The matching network hybrid electro-magnetic compatibility absorber of claim 1, wherein the matching network hybrid electro-magnetic compatibility absorber comprises a substantially pyramid-like shape;
  - the predetermined portion of the big element surface comprises less than an entirety
  - 5 of the big element surface; and
  - the predetermined portion of the small element surface comprises less than an entirety of the small element surface.
3. (ORIGINAL) The matching network hybrid electro-magnetic compatibility absorber of claim 1, wherein at least one of the big element coating and the small element coating comprises a substantially tear drop shape.
4. (ORIGINAL) The matching network hybrid electro-magnetic compatibility absorber of claim 1, wherein at least one of the big element coating and the small element coating comprises a predetermined thickness.

5. (ORIGINAL) The matching network hybrid electro-magnetic compatibility absorber of claim 1, wherein the big element and the small element are separated by a predetermined distance.

6. (ORIGINAL) The matching network hybrid electro-magnetic compatibility absorber of claim 1, wherein the big element comprises at least two surfaces; and a distance between the at least two surfaces comprises a predetermined thickness.

7. (ORIGINAL) The matching network hybrid electro-magnetic compatibility absorber of claim 1, wherein the big element coating comprises a first material; and the small element coating comprises a second material.

8. (ORIGINAL) The matching network hybrid electro-magnetic compatibility absorber of claim 1, further comprising at least one additional big element coating that covers at least one additional predetermined portion of the big element surface, the at least one additional predetermined portion of the big element surface being less than an entirety  
5 of the big element surface.

Claims 9-15 (CANCELED).

16. (CURRENTLY AMENDED) A matching network hybrid electro-magnetic compatibility absorber, comprising:  
an absorber comprising a surface having a coating;  
the coating having a coating shape;  
5 wherein the coating shape is varied as a design parameter to permit absorption of radio frequency energy in a frequency range extending from approximately 500 MHz to approximately 40 GHz, **and the coating shape comprises a substantially tear drop shape.**

17-18. (CANCELED)

19. (ORIGINAL) The matching network hybrid electro-magnetic compatibility absorber of claim 16, wherein the coating covers less than an entirety of the surface.

20. (ORIGINAL) The matching network hybrid electro-magnetic compatibility absorber of claim 16, wherein the surface comprises at least one additional coating that comprises at least one of at least one additional coating type, at least one additional coating shape, at least one additional coating thickness, and at least one additional coating placement.